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**From:** Patti H. Spindler [Spindler.Patti@azdeq.gov]  
**Sent:** 3/1/2018 4:01:32 PM  
**To:** Hashimoto, Janet [Hashimoto.Janet@epa.gov]; Bolt, Matthew [Bolt.Matthew@epa.gov]  
**CC:** Krista L. Osterberg [Osterberg.Krista@azdeq.gov]  
**Subject:** Triennial review Standards question  
**Attachments:** ADEQ Appendix B Evaluation SOP 7-17-17.docx; ADEQ WOTUS evaluation criteria 7-17-17.docx; ADEQ non-WOTUS waters for EPA.pdf

**Flag:** Follow up

Hi Janet & Matt —

Thank you for setting up the conference call line for our March 12 meeting, regarding what to do with the non-WOTUS waters on ADEQ's Surface Water Standards Appendix B list of waters, in the current Triennial review. Attached are the supporting guidance documents that describe the method we used for evaluating the 900+ waters, which is essentially the post-Rapanos USACE/EPA guidance for desktop GIS analysis, with some refinement for AZ. These documents will help answer questions you may have about how we evaluated these waters and came to the non-WOTUS conclusions. Also attached is the slideshow summary of the waters we evaluated and imagery examples of the problematic waters (which you may have from previous email).

Here are a few topics for the agenda. Let me know if you have questions or would like me to present anything more specific at the meeting.

- EPA input on whether to exclude any of the following waters from Appendix B in this Triennial Review rulemaking:
  - Waters that the Army Corps JD decision was not WOTUS (n=4)
  - Waters with current AZPDES permits, that ADEQ evaluated as not WOTUS (n=5)
  - Waters that are 303d listed as Impaired, that ADEQ evaluated as not WOTUS (n=5)
  - Urban/isolated lakes (n=16ish)
  - Other non-WOTUS waters
- What documentation would EPA need to see?

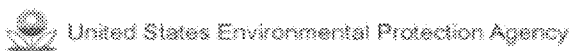
Looking forward to our meeting!

Patti

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**From:** Hashimoto, Janet [mailto:Hashimoto.Janet@epa.gov]  
**Sent:** Wednesday, February 28, 2018 3:15 PM  
**To:** Patti H. Spindler <Spindler.Patti@azdeq.gov>; Bolt, Matthew <Bolt.Matthew@epa.gov>  
**Cc:** Krista L. Osterberg <Osterberg.Krista@azdeq.gov>  
**Subject:** RE: Triennial review Standards question

Monday times work for me. Janet



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**From:** Patti H. Spindler [mailto:Spindler.Patti@azdeq.gov]  
**Sent:** Wednesday, February 28, 2018 1:45 PM  
**To:** Bolt, Matthew <Bolt.Matthew@epa.gov>  
**Cc:** Krista L. Osterberg <Osterberg.Krista@azdeq.gov>; Hashimoto, Janet <Hashimoto.Janet@epa.gov>  
**Subject:** RE: Triennial review Standards question

Hi Matt –

Yes, we could do the following dates/times, but Monday works best.

- Monday 3/12 @ 1pm or 2pm MST (between 1 and 3pm)
- Tuesday 3/13 @ 3pm

Thank you.  
Patti

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**From:** Bolt, Matthew [mailto:Bolt.Matthew@epa.gov]  
**Sent:** Tuesday, February 27, 2018 6:23 PM  
**To:** Patti H. Spindler <Spindler.Patti@azdeq.gov>  
**Cc:** Krista L. Osterberg <Osterberg.Krista@azdeq.gov>; Hashimoto, Janet <Hashimoto.Janet@epa.gov>  
**Subject:** RE: Triennial review Standards question

Hi Patti,  
Do you have availability the week of March 11<sup>th</sup> instead? We would like some time to internally discuss what you have provided.

Thank You,  
Matt

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**From:** Bolt, Matthew  
**Sent:** Monday, February 26, 2018 6:52 PM  
**To:** 'Patti H. Spindler' <Spindler.Patti@azdeq.gov>  
**Cc:** Krista L. Osterberg <Osterberg.Krista@azdeq.gov>  
**Subject:** RE: Triennial review Standards question

Hi Patti,  
Thank you for the information. I will get back to you soon.

Matt

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**From:** Patti H. Spindler [mailto:Spindler.Patti@azdeq.gov]  
**Sent:** Monday, February 26, 2018 7:07 AM  
**To:** Bolt, Matthew <Bolt.Matthew@epa.gov>  
**Cc:** Krista L. Osterberg <Osterberg.Krista@azdeq.gov>  
**Subject:** Triennial review Standards question

Hi Matt-

I've been working on a WOTUS review of surface waters & designated uses that are in Appendix B of our WQS. There are many waterbodies in a few major categories that we believe are not WOTUS, and we need EPA input on prior to making changes to Appendix B. The major categories of waters that we would like some input on include:

- Waters that the Army Corps JD decision was not WOTUS (n=4)
- Waters with current AZPDES permits, that ADEQ evaluated as not WOTUS (n=5)
- Waters that are 303d listed as Impaired, that ADEQ evaluated as not WOTUS (n=5)
- Urban/isolated lakes (n=16ish)

My attached slideshow has more details and examples of these waters. Would it be possible to meet with you in the next week or two to discuss these waters and our approach for the Triennial Review of WQS in which we are currently engaged?

We have the following times available:

3/2 Friday at 2pm (MST)

3/8 Thursday at 11am

3/9 Friday 2pm

Thank You!

Patti

***Patrice Spindler***

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